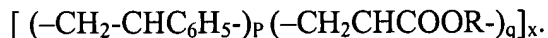


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) ~~A Secondary~~secondary electrochemical ~~generator~~cell, with an alkaline electrolyte, the cell containing a non-sintered electrode comprising a two-dimensional conductive support covered ~~by~~in a layer containing an electrochemically active material and a binder, ~~characterized in that the~~wherein said binder is a mixture of a cellulose compound and a styrene-acrylate copolymer of general formula:



2. (Currently Amended) ~~Generator~~A cell according to claim 1, in which the proportion of ~~the~~ said styrene-acrylate copolymer is less than 4% by weight of ~~the~~ said layer.

3. (Currently Amended) ~~Generator~~A cell according to claim 2, in which the proportion of ~~the~~ said styrene-acrylate copolymer is between 0.15% and 3% by weight of ~~the~~ said layer.

4. (Currently Amended) ~~Generator~~A cell according to claim 1, in which ~~the~~ said cellulose compound is ~~chosen~~selected from the group consisting of methylcellulose,

carboxymethylcellulose, hydroxypropylmethyl-cellulose, hydroxypropylcellulose and hydroxyethylcellulose.

5. (Currently Amended) Generator A cell according to claim 1, in which the proportion of ~~the~~ said cellulose compound ~~is comprised between~~ lies in the range of 0.1 and to 1% by weight of the said layer.

6. (Currently Amended) Generator A cell according to claim 1, in which ~~the~~ said electrochemically active material comprises a nickel hydroxide.

7. (Currently Amended) Generator A cell according to claim 6, in which ~~the~~ said nickel hydroxide also contains at least one syncrystallized hydroxide of an element ~~ehesenselected~~ selected from the group consisting of zinc, cadmium and magnesium and at least one syncrystallized hydroxide of an element ~~ehesenselected~~ selected from the group consisting of cobalt, manganese, aluminium, yttrium, calcium, strontium, zirconium, copper.

8. (Currently Amended) Generator A cell according to claim 6, in which ~~the~~ said nickel hydroxide has a spheroidal shape and has a grain size ~~comprised between~~ lying in the range of 7 μ m and to 20 microns.

9. (Currently Amended) Generator A cell according to claim 1, in which ~~the~~ said layer also comprises a conductive material consisting principally of a compound of cobalt.

10. (Currently Amended) ~~Generator~~A cell according to claim 9, in which ~~the~~ said compound of cobalt is ~~chosen~~selected from the group consisting of cobalt metal Co, cobalt oxide CoO, cobalt hydroxide Co(OH)₂, the ~~mixed~~composite oxide of lithium and cobalt LiCoO₂ and an oxide of conductive cobalt oxide of a valency greater than 2.

11. (Currently Amended) ~~Generator~~A cell according to claim 1, in which ~~the~~ said layer also contains at least one other compound ~~chosen~~selected from the group consisting of compounds of zinc, yttrium, ytterbium and calcium.

12. (Currently Amended) ~~Generator~~A cell according to claim 11, in which ~~the~~ said compound is a compound of yttrium.

13. (Currently Amended) ~~Generator~~A cell according to claim 12, in which ~~the~~ said compound of yttrium is ~~chosen~~selected from the group consisting of yttrium oxide Y₂O₃ and yttrium hydroxide Y(OH)₃.

14. (Currently Amended) ~~Generator~~A cell according to claim 11, in which ~~the~~ said compound is a compound of ytterbium.

15. (Currently Amended) ~~Generator~~A cell according to claim 14, in which ~~the~~ said compound of ytterbium is ~~ehesenselected~~ from the group consisting of ytterbium oxide Yb_2O_3 and ytterbium hydroxide $\text{Yb}(\text{OH})_3$.

16. (Currently Amended) ~~Generator~~A cell according to claim 1, in which ~~the~~ said layer also contains polymer ~~fibres~~fibers.

17. (Currently Amended) ~~Generator~~A cell according to claim 1, in which ~~the~~ said two-dimensional conductive support is ~~ehesenselected~~ from the group consisting of a solid or perforated strip, an expanded metal, a grid and a fabric.

18. (Currently Amended) ~~Generator~~A cell according to claim 1, also comprising a metal-hydride negative electrode.